

Patent  
Attorney Docket: 612,404-373  
(prev 264/036)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

**DONALD E. ACKLEY et al.**

Serial No.: 09/849,119

Filed: May 4, 2001

For: SYSTEMS FOR THE ACTIVE  
ELECTRONIC CONTROL OF  
BIOLOGICAL REACTIONS (As  
Amended)

Group Art Unit: 1631

Examiner: A. Marschel

**REPLY UNDER 37 CFR § 1.116**  
**EXPEDITED PROCEDURE**  
**TECHNOLOGY CENTER 1600**

AMENDMENT AND RESPONSE AFTER FINAL

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is in response to the Final Office Action mailed on December 3, 2003. Please  
amend the application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on  
page 2 of this paper.

**Remarks** begin on page 8 of this paper.

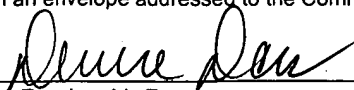
04/19/2004 RHEBRAHT 00000132 502862 09849119  
01 FC:2252 210.00 DA

CERTIFICATE OF MAILING  
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

Date of Deposit

4-13-04

  
Denise N. Doss